



IPN

Docket No.: M4065.0972/P972
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Peter P. Altice, Jr. et al.

Application No.: 10/766,012

Confirmation No.: 2007

Filed: January 29, 2004

Art Unit: 2878

For: ROW DRIVEN IMAGER PIXEL

Examiner: T. Ko

RESPONSE TO ELECTION OF SPECIES REQUIREMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the election requirement, applicant hereby elects the species covered by Species I, Claims 1-7, 17 and 18, with traverse. The Examiner has required Applicant to elect among the following species:

Species I, claims 1-7, 17 and 18, method of operating a pixel by accumulating charges;

Species II, claims 8-14, method of reading charge from pixels by providing an operating voltage across a source follower;

Species III, claims 15, 16, 19 and 20, resetting a floating diffusion node by applying a row driver signal to a channel terminal of a reset transistor;

Species IV, claims 21-25, operating a pixel by sampling a reset output voltage;

Species V, claims 26-29, operating a pixel by applying voltage to said pixel which is above ground potential; and

Species VI, claims 30 and 31, operating a pixel by turning a transfer transistor on and off to allow charge flow between a photosensor and a node.

The election is made with traverse since all identified species are closely related. A search for the subject matter of the elected claims will also encompass search areas pertinent to the non-elected species. Accordingly, no undue burden is evident if all claims are examined together. MPEP Section 803 states that in the absence of an undue burden, all claims of an application must be examined together.

Applicant's election is made without prejudice. As noted by the Examiner, Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claims is finally held to be allowable.

An action on the merits of all the claims and a Notice of Allowance thereof
are respectfully requested.

Dated: February 22, 2006

Respectfully submitted,

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